

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/00730

**A. CLASSIFICATION OF SUBJECT MATTER**

Int.Cl<sup>7</sup> H05K3/34, C23C18/32, B23K1/20, B23K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> H05K3/34, C23C18/32, B23K1/20, B23K1/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-25892 A (Denki Kagaku Kogyo Kabushiki Kaisha), 30 January, 2001 (30.01.01), (Family: none)	1-6
A	JP 2000-38682 A (Fujitsu Ltd.), 08 February, 2000 (08.02.00), (Family: none)	1-6
A	JP 11-245083 A (Kyocera Corp.), 14 September, 1999 (14.09.99), (Family: none)	1-6
A	EP 1009202 A1 (Ibiden Co., Ltd.), 14 June, 2000 (14.06.00), & WO 98/56217 A1 & JP 11-77371 A	1-6

Further documents are listed in the continuation of Box C.  See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
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"P"	document published prior to the international filing date but later than the priority date claimed
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"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search 23 April, 2002 (23.04.02)	Date of mailing of the international search report 14 May, 2002 (14.05.02)
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